

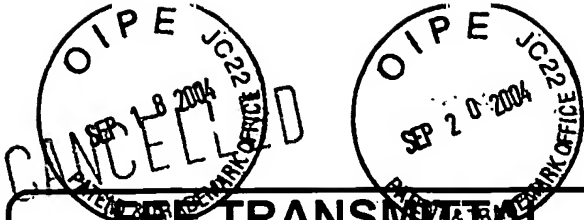
IFW

|   |   |                        |                          |
|---|---|------------------------|--------------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) |   | Application No.        | 10/815,301               |
|   |   | Filing Date            | March 31, 2004           |
|   |   | First Named Inventor   | Pierre Guillaume Raverdy |
|   |   | Art Unit               |                          |
|   |   | Examiner Name          |                          |
| Total Number of Pages in This Submission  | 7 | Attorney Docket Number | 80398P586                |

| ENCLOSURES (check all that apply)  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment / Response<br><br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input checked="" type="checkbox"/> PTO/SB/08<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><br><input type="checkbox"/> Basic Filing Fee<br><input type="checkbox"/> Declaration/POA<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><div style="border: 1px solid black; padding: 5px; margin-top: 10px;">copy of 15 cited references</div> |
| Remarks  |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |
|--|--|
| Firm or Individual name                    | Thinh V. Nguyen, Reg. No. 42,034<br>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature                                  |  |
| Date                                       | September 15, 2004   |

| CERTIFICATE OF MAILING/TRANSMISSION   |              |      |                    |
|---|--------------|------|--------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |              |      |                    |
| Typed or printed name   | Tu T. Nguyen |      |                    |
| Signature   |              | Date | September 15, 2004 |



# **FEE TRANSMITTAL for FY 2004**

Effective 01/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

**TOTAL AMOUNT OF PAYMENT** (\$)

## **Complete if Known**

|                      |                          |
|----------------------|--------------------------|
| Application Number   | 10/815,301               |
| Filing Date          | March 31, 2004           |
| First Named Inventor | Pierre Guillaume Raverdy |
| Examiner Name        |                          |
| Art Unit             |                          |
| Attorney Docket No.  | 80398P586                |

## **METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account

Deposit  
Account  
Number

02-2666

Deposit  
Account  
Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## **FEE CALCULATION**

### **1. BASIC FILING FEE**

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002         | 340      | 2002         | 170      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          |                        | (\$)     |

### **2. EXTRA CLAIM FEES**

Total Claims  - 20\*\* =  X  =   
Independent Claims  - 3 =  X  =   
Multiple Dependent  =

| Large Entity |          | Small Entity |          | Fee Description   | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |          |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |          |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                         |          |
| 1203         | 290      | 2203         | 145      | Multiple Dependent claim, if not paid                     |          |
| 1204         | 86       | 2204         | 43       | **Reissue independent claims over original patent         |          |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2) |          |              |          |   | (\$)     |

\*\*or number previously paid, if greater, For Reissues, see below

## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

| Large Entity        |          | Small Entity |          | Fee Description  | Fee Paid |
|---------------------|----------|--------------|----------|--|----------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051                | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052                | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 2053                | 130      | 2053         | 130      | Non-English specification  |          |
| 1812                | 2,520    | 1812         | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804                | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251                | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252                | 420      | 2252         | 210      | Extension for reply within second month                                    |          |
| 1253                | 950      | 2253         | 475      | Extension for reply within third month                                     |          |
| 1254                | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |          |
| 1255                | 2,010    | 2255         | 1,005    | Extension for reply within fifth month                                     |          |
| 1404                | 330      | 2401         | 165      | Notice of Appeal   |          |
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| 1403                | 290      | 2403         | 145      | Request for oral hearing   |          |
| 1451                | 1,510    | 2451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452                | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453                | 1,330    | 2453         | 665      | Petition to revive - unintentional   |          |
| 1501                | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   |          |
| 1502                | 480      | 2502         | 240      | Design issue fee   |          |
| 1503                | 640      | 2503         | 320      | Plant issue fee  |          |
| 1460                | 130      | 2460         | 130      | Petitions to the Commissioner  |          |
| 1807                | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806                | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021                | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809                | 770      | 1809         | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810                | 770      | 2810         | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801                | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802                | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |
| Other fee (specify) |          |              |          |  |          |
| SUBTOTAL (3)        |          |              |          |  | (\$)     |

\* Reduced by Basic Filing Fee Paid

## **SUBMITTED BY**

## **Complete (if applicable)**

|                   |                 |                                   |          |           |                |
|-------------------|-----------------|-----------------------------------|----------|-----------|----------------|
| Name (Print/Type) | Thinh V. Nguyen | Registration No. (Attorney/Agent) | 42,034   | Telephone | (714) 557-3800 |
| Signature         |                 | Date                              | 09/15/04 |           |                |



# FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

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| Examiner Name        |                          |
| Art Unit             |                          |
| Attorney Docket No.  | 80398P586                |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
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Deposit  
Account  
Number

02-2666

Deposit  
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Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
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| SUBTOTAL (1) |          |              |          |                        | (\$)     |

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Total Claims  - 20\*\* =  X  =   
Independent Claims  - 3 =  X  =   
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| Large Entity |          | Small Entity |          | Fee Description   | Fee Paid |
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| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |          |
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\*\*or number previously paid, if greater, For Reissues, see below

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity        |          | Small Entity |          | Fee Description  | Fee Paid |
|---------------------|----------|--------------|----------|--|----------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |  |          |
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| 1254                | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |          |
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| 8021                | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
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\*Reduced by Basic Filing Fee Paid

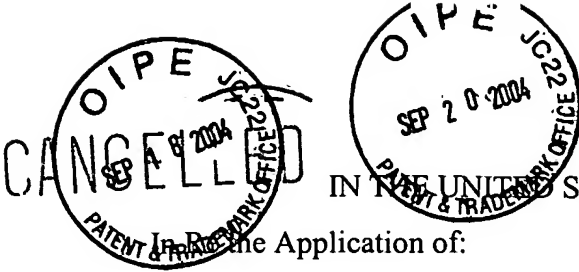
SUBTOTAL (3)

(\$)

## SUBMITTED BY

## Complete (if applicable)

|                   |                 |                                   |        |           |                |
|-------------------|-----------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Thinh V. Nguyen | Registration No. (Attorney/Agent) | 42,034 | Telephone | (714) 557-3800 |
| Signature         |                 |                                   |        | Date      | 09/15/04       |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: the Application of:

PIERRE GUILLAUME RAVERDY, ET AL.

Application No.: 10/815,301

Filed: March 31, 2004

For: **Discovering Nearby Hosts And  
Applications For Impromptu Interactions  
Using Well-Known Ad-Hoc Network  
Configuration**

Art Group:

Examiner:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

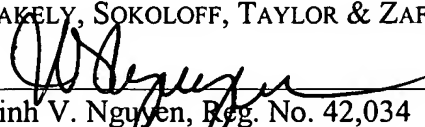
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: September 15, 2004

  
\_\_\_\_\_  
Thanh V. Nguyen, Reg. No. 42,034

12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (714) 557-3800

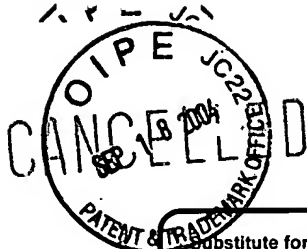
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
\_\_\_\_\_  
Tu T. Nguyen

09-15-04

*Date*

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



|  |   |    |   |                          |                          |
|--|---|----|---|--------------------------|--------------------------|
| Substitute for form 1449A/PTO                            |   |    |   | <b>Complete if Known</b> |                          |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    |   | Application Number       | 10/815,301               |
|  |   |    |   | Filing Date              | March 31, 2004           |
|  |   |    |   | First Named Inventor     | Pierre Guillaume Raverdy |
|  |   |    |   | Art Unit                 |                          |
|  |   |    |   | Examiner Name            |                          |
| Sheet  | 2 | of | 2 | Attorney Docket Number   | 80398P586                |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.   | T <sup>2</sup> |
|                                 |                       | FLUHRER SCOTT, Weakness in the Key Scheduling Algorithm of RC4, Eighth Annual Workshop on Selected Areas in Cryptography, August 2001.  |                |
|                                 |                       | Host AP Driver for Intersil Prism2/2.5/3<br><a href="http://hostap.epitest.fi/">http://hostap.epitest.fi/</a> (software package)  |                |
|                                 |                       | <a href="http://www.netperf.org/netperf/NetperfPage.html">http://www.netperf.org/netperf/NetperfPage.html</a>   |                |
|                                 |                       | JOSH BROCH, A Performance Comparison Of Multi-Hop Wireless Ad Hoc Network Routing Protocols,<br><a href="http://citeseer.ist.psu.edu/cache/papers/cs/882/http:zSzzSzwww.monarch.cs.cmu.edu:zSzmonarch-paperszSzmobico m98.pdf/broch98performance.pdf">http://citeseer.ist.psu.edu/cache/papers/cs/882/http:zSzzSzwww.monarch.cs.cmu.edu:zSzmonarch-paperszSzmobico m98.pdf/broch98performance.pdf</a> |                |
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|                                 |                       | LIANG CHENG, Service Advertisement and Discovery in Mobile Ad Hoc Networks,<br><a href="http://www.cs.uoregon.edu/research/wearables/cscw2002ws/papers/Cheng.pdf">http://www.cs.uoregon.edu/research/wearables/cscw2002ws/papers/Cheng.pdf</a>  |                |
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|                                 |                       | ALAN KAMINSKY, Many-to-Many Invocation: A New Paradigm for Ad Hoc Collaborative Systems, RIT IT Lab Technical Report, February 6, 2002.<br><a href="http://www.cs.rit.edu/~hpb/Publications/m2mi20020716.pdf">http://www.cs.rit.edu/~hpb/Publications/m2mi20020716.pdf</a>  |                |
|                                 |                       | BENOIT GARBINATO, From Ad Hoc Networks to Ad Hoc Applications, Institut d'Informatique et Organisation (INFORGE), Universite de Lausanne, 101 Lausanne-Switzerland, <a href="http://isi.unil.ch/radixa/usr/prupp/ConTEL03.pdf">http://isi.unil.ch/radixa/usr/prupp/ConTEL03.pdf</a>   |                |
|                                 |                       | KRISHNA KANT, On the Potential of Peer-to-Peer Computing,<br><a href="http://citeseer.ist.psu.edu/cache/papers/cs/25279/http:zSzzSzkkant.ccwebhost.comzSzpaperszSztaxonomy.pdf/on-the-potential-of.pdf">http://citeseer.ist.psu.edu/cache/papers/cs/25279/http:zSzzSzkkant.ccwebhost.comzSzpaperszSztaxonomy.pdf/on-the-potential-of.pdf</a>  |                |
|                                 |                       | KRISHNA KANT, A Framework for Classifying Peer-to-Peer Technologies, 2nd IEEE/ACM Intl. Symposium on Cluster Computing and the Grid, May 21-26, 2002, Berlin, Germany.<br><a href="http://kkant.ccwebhost.com/papers/taxonomy.pdf">http://kkant.ccwebhost.com/papers/taxonomy.pdf</a>   |                |
|                                 |                       | CHARLES C. HOFFMEYER, Possible Improvements in Ad Hoc Networks to Lead Towards Ubiquitous Computing, <a href="http://www.ece.mtu.edu/ee/faculty/cchigan/ee4272/projects/Spring03-paper3.pdf">http://www.ece.mtu.edu/ee/faculty/cchigan/ee4272/projects/Spring03-paper3.pdf</a>  |                |
|                                 |                       | Ad Hoc Networks, <a href="http://www.comp.nus.edu.sg/~tantongj/draft1.doc">http://www.comp.nus.edu.sg/~tantongj/draft1.doc</a>  |                |
|                                 |                       |   |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.  
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450